

004760" FEB 60

Figure 1

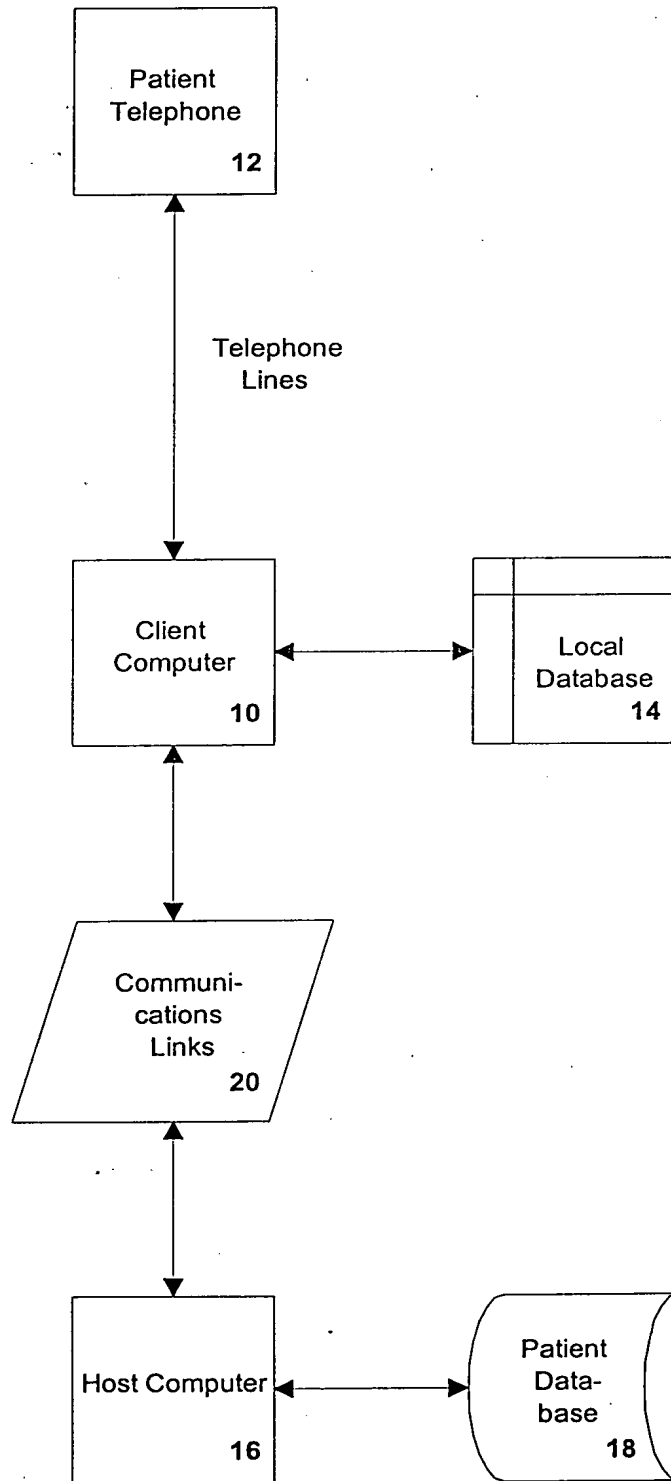


Figure 2

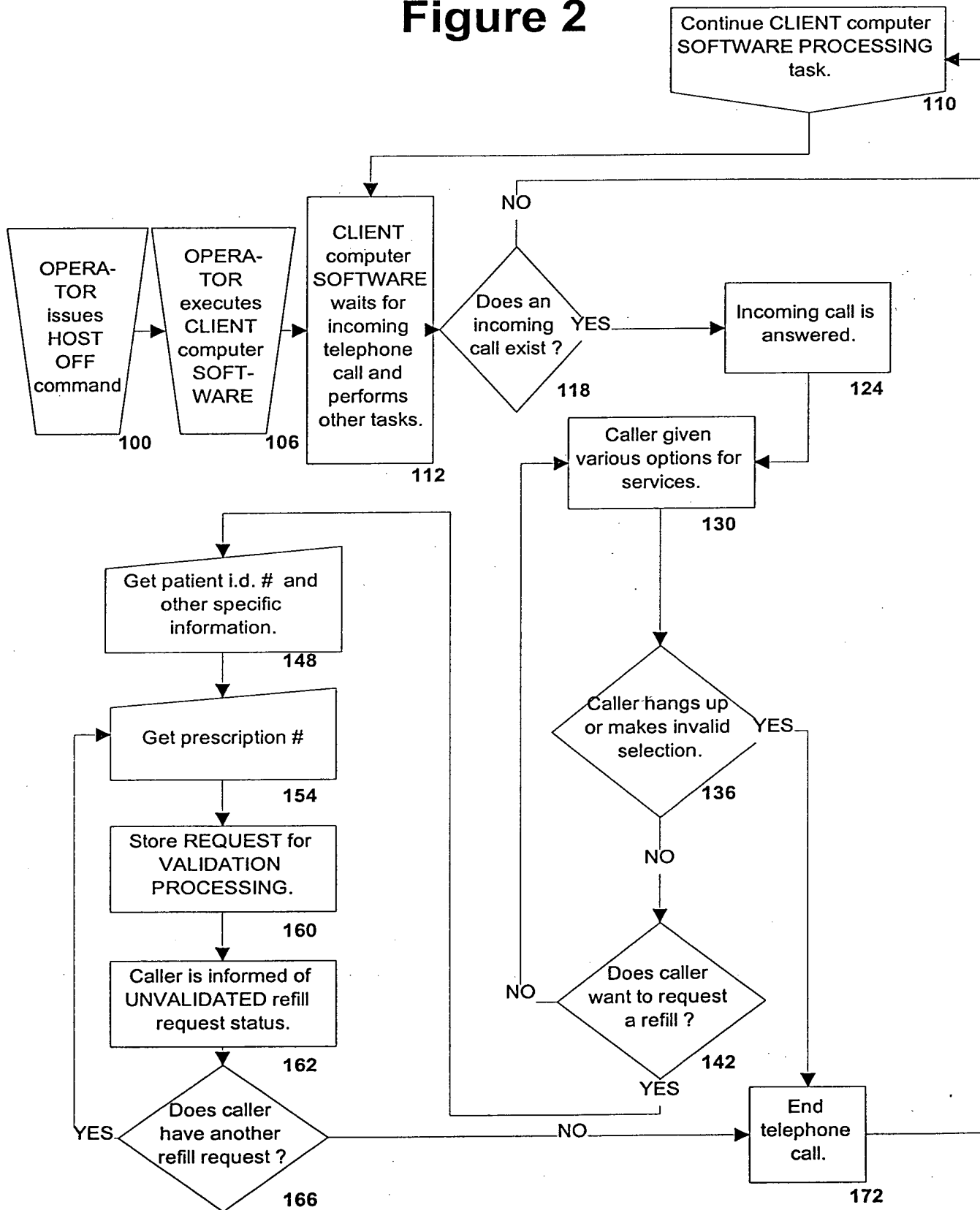
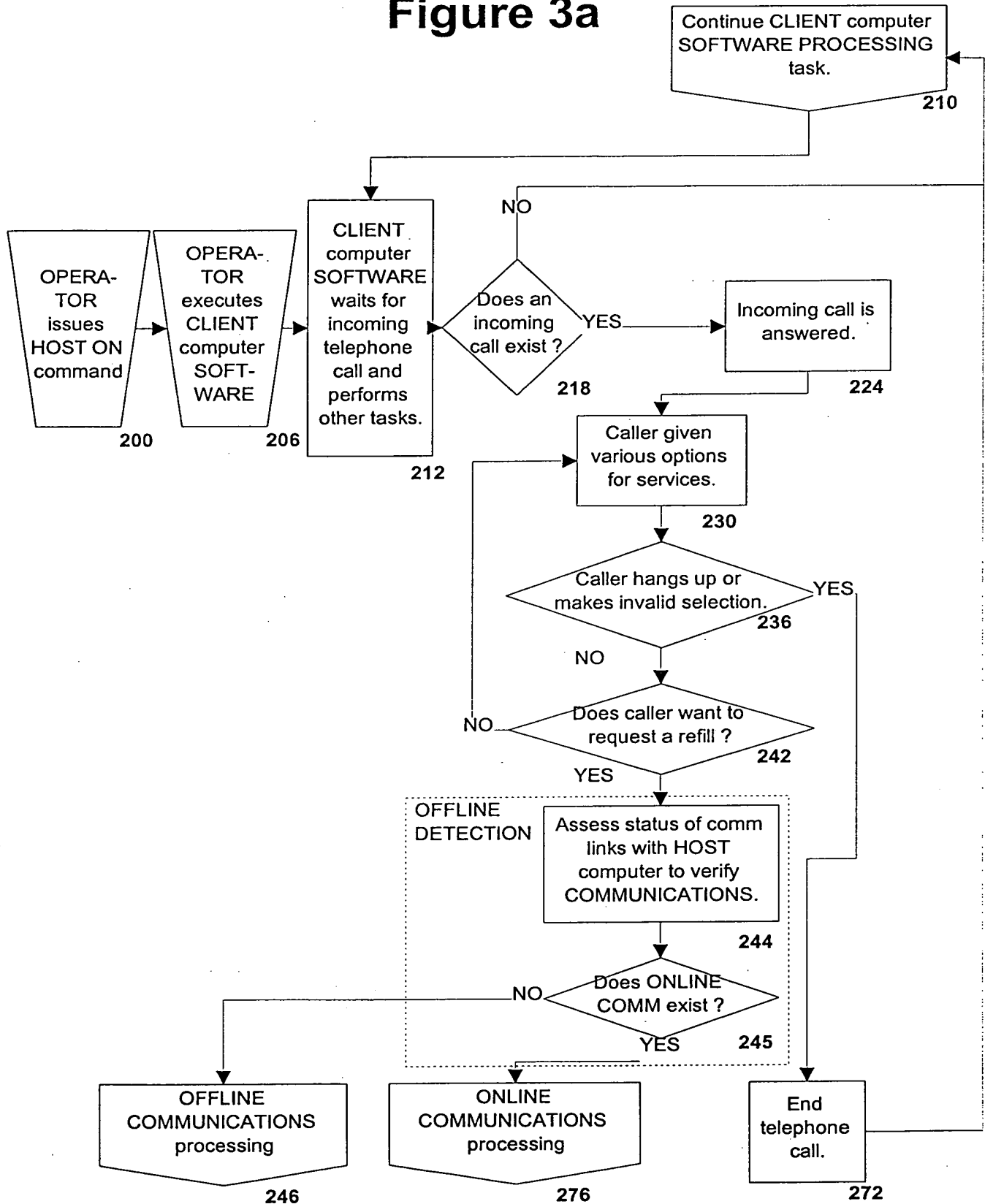
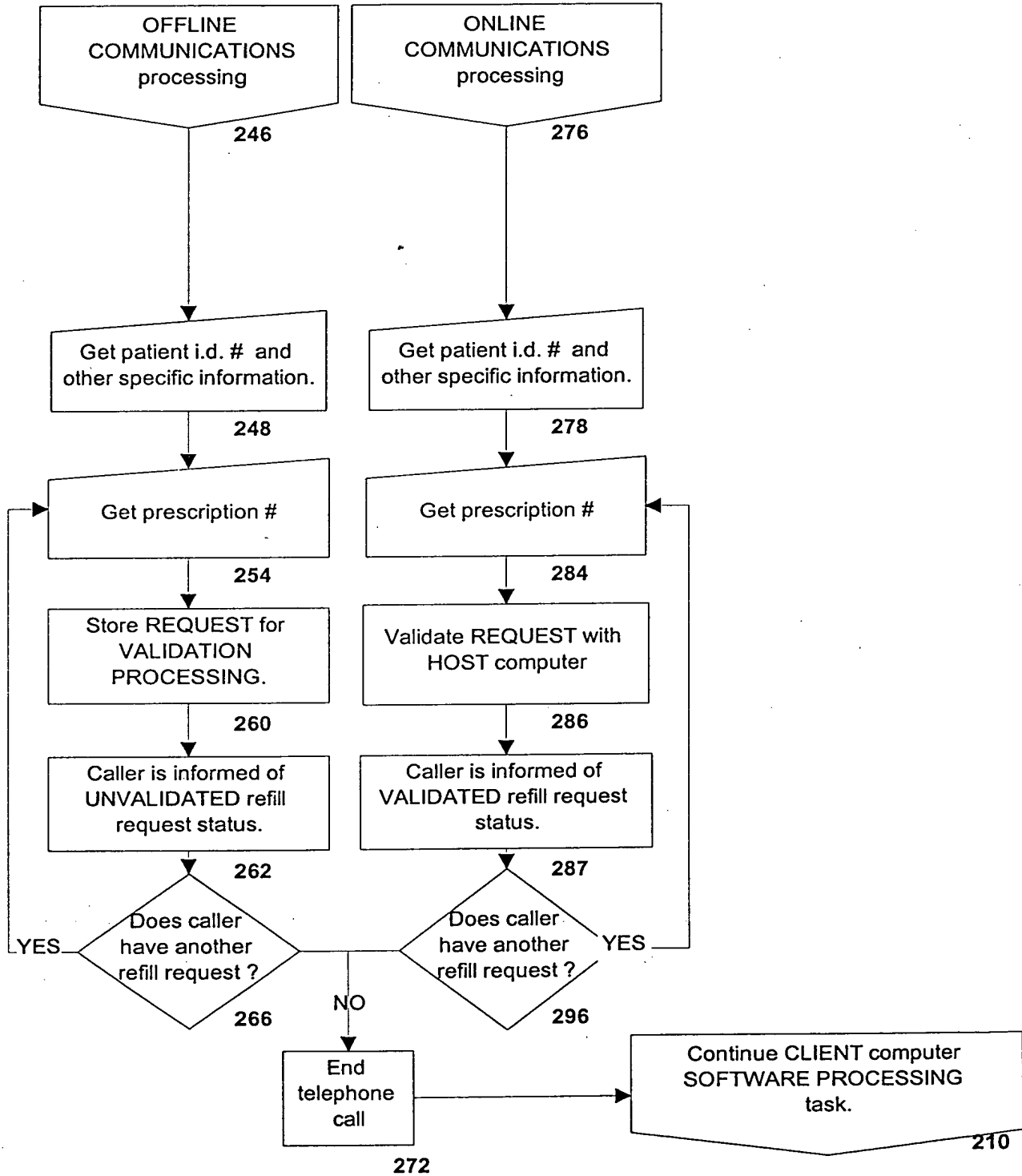


Figure 3a



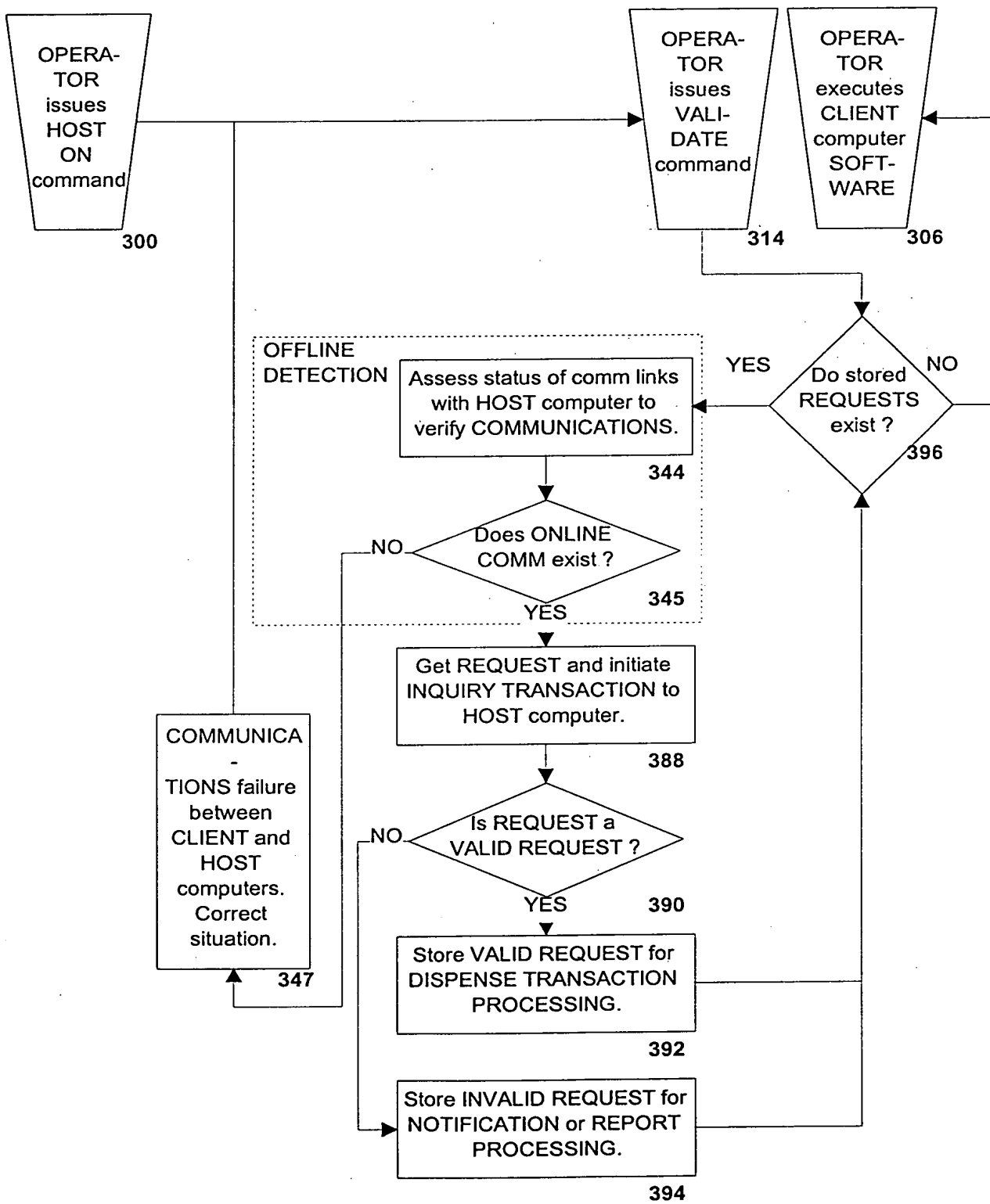
090911.0290
002760"TEF8550

Figure 3b



652769-076660

Figure 4



664T60" T2B6E60

Figure 5a

662760-TEB60

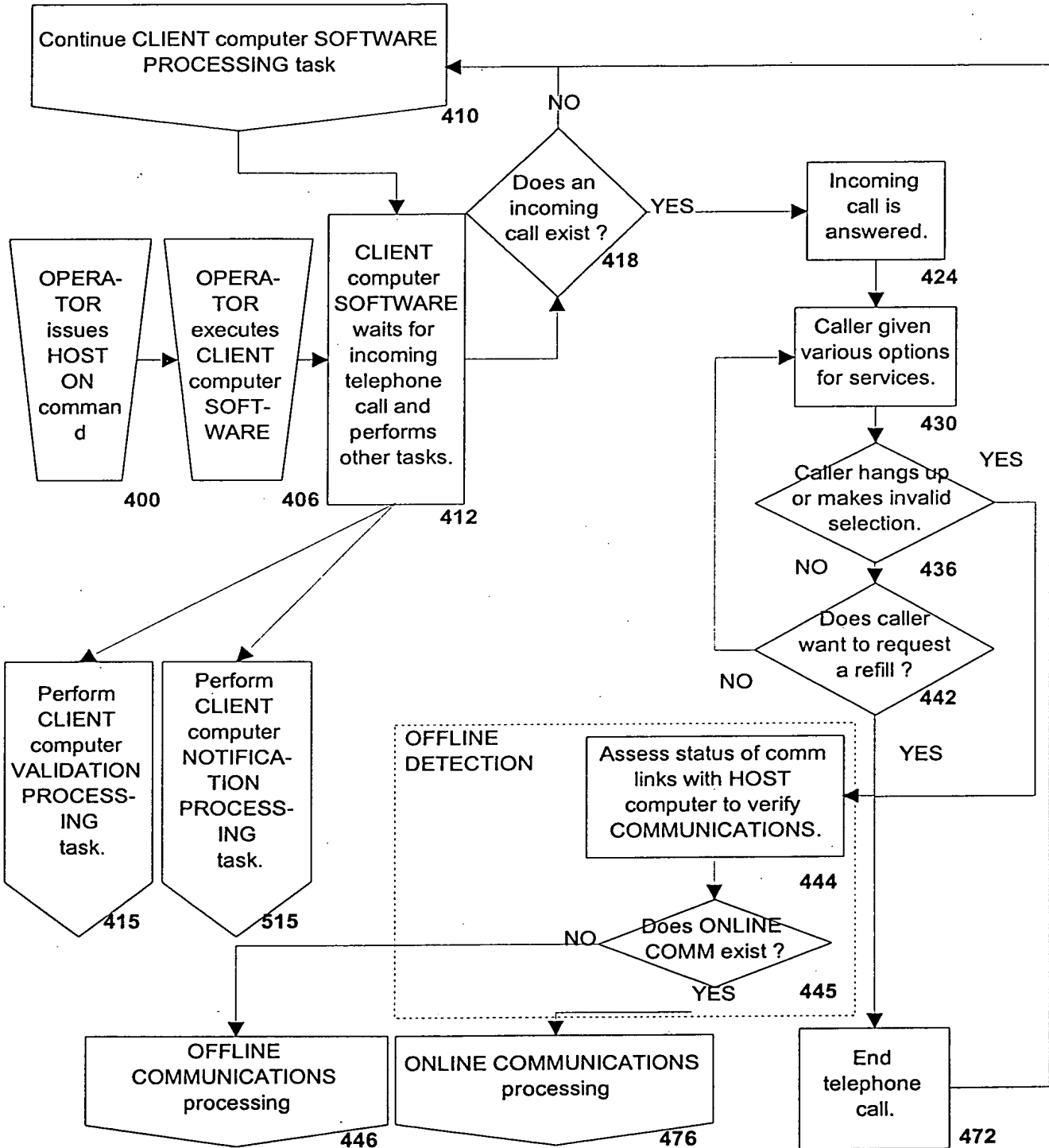
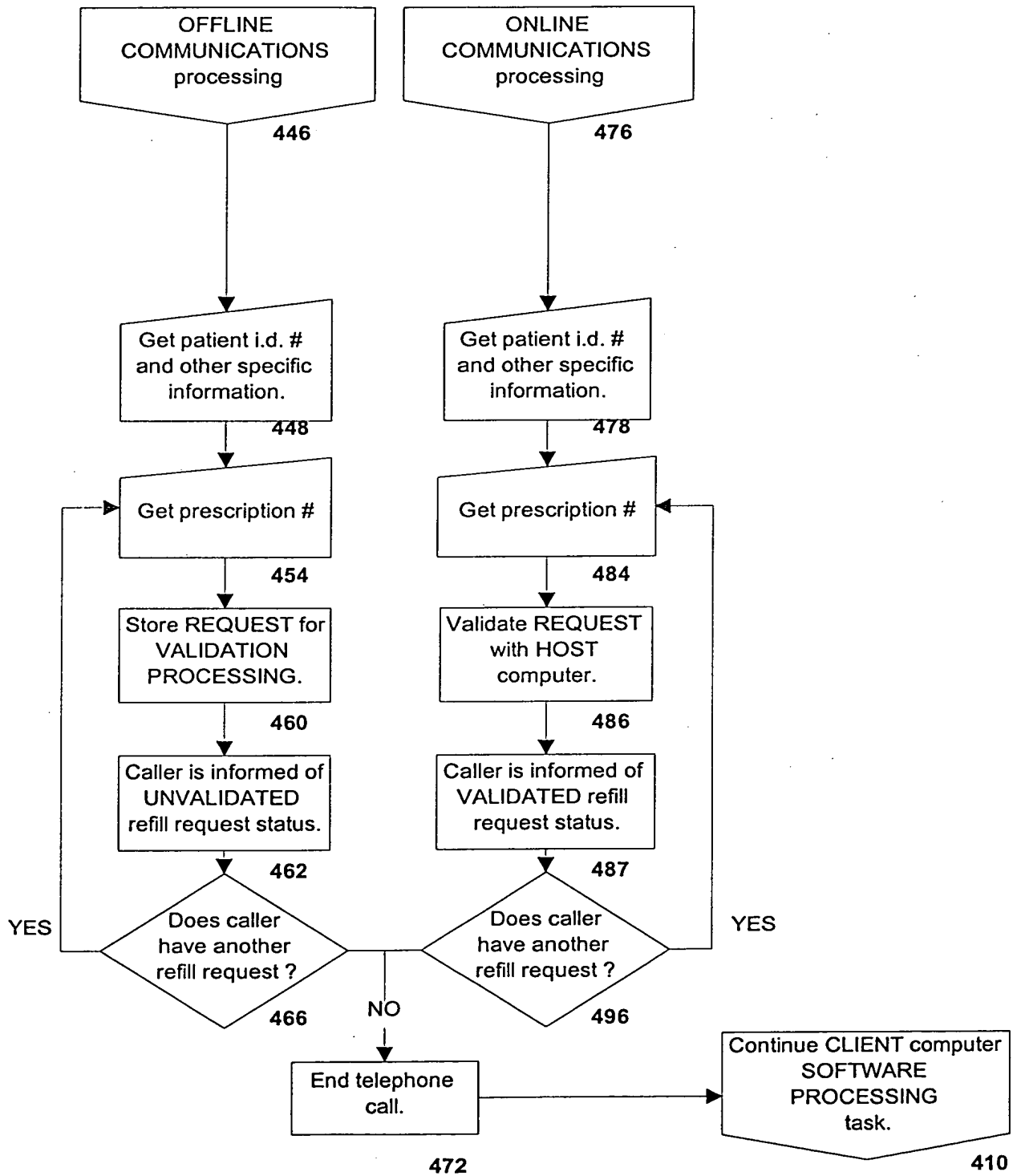
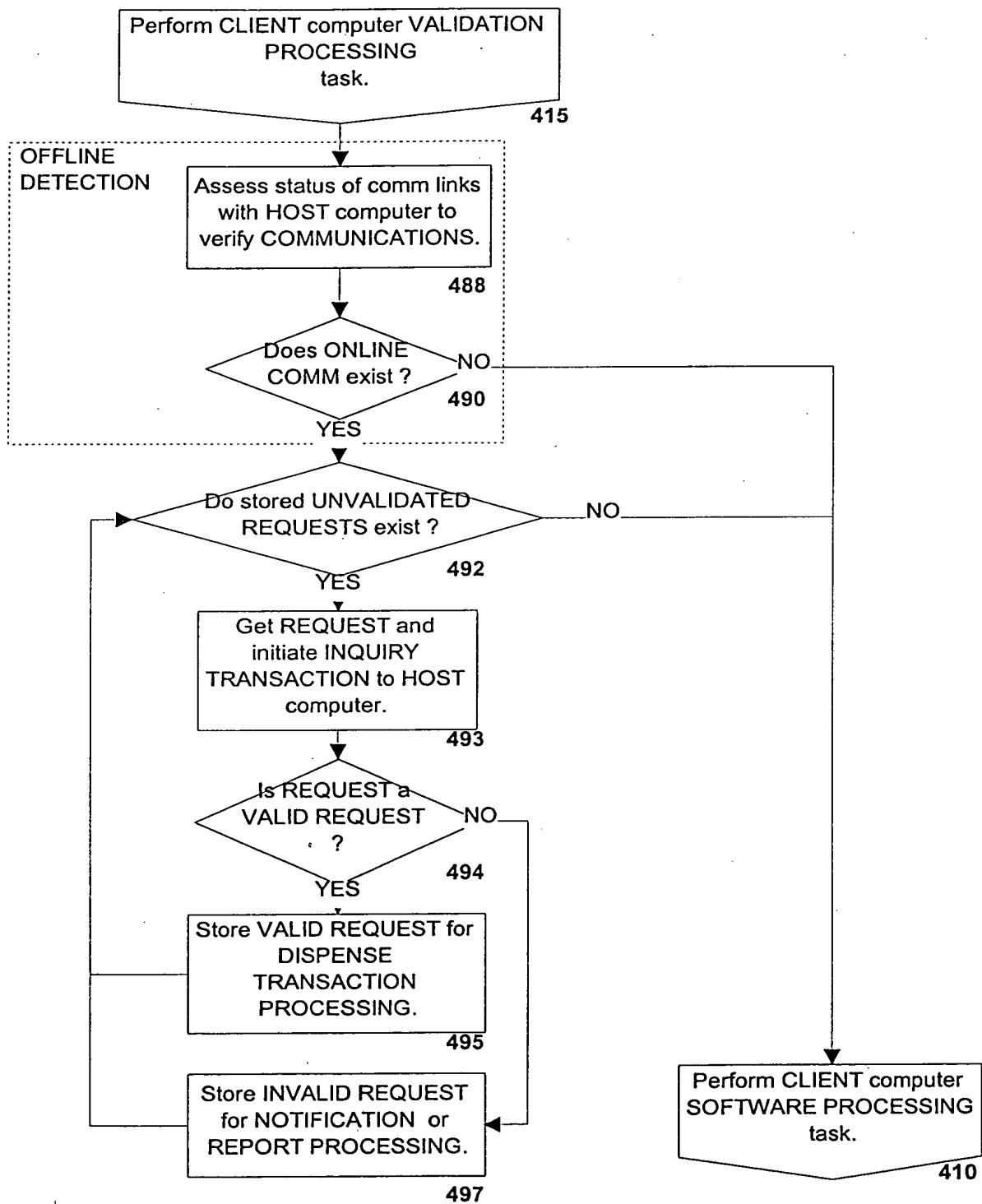


Figure 5b



662760" TET36660

Figure 5c



662760" TETB660

Figure 5d

093831.091799
662760" TETRE60

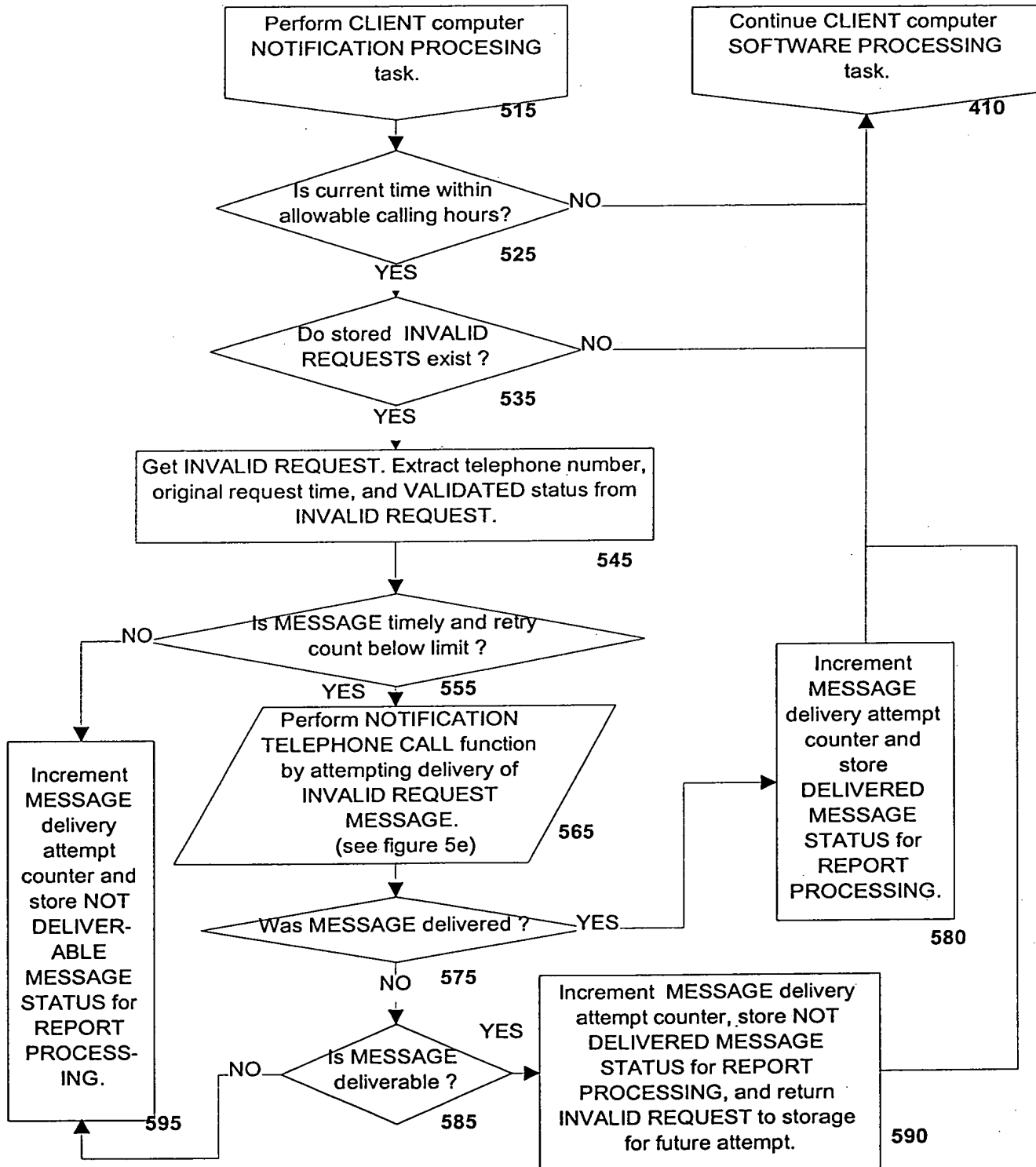
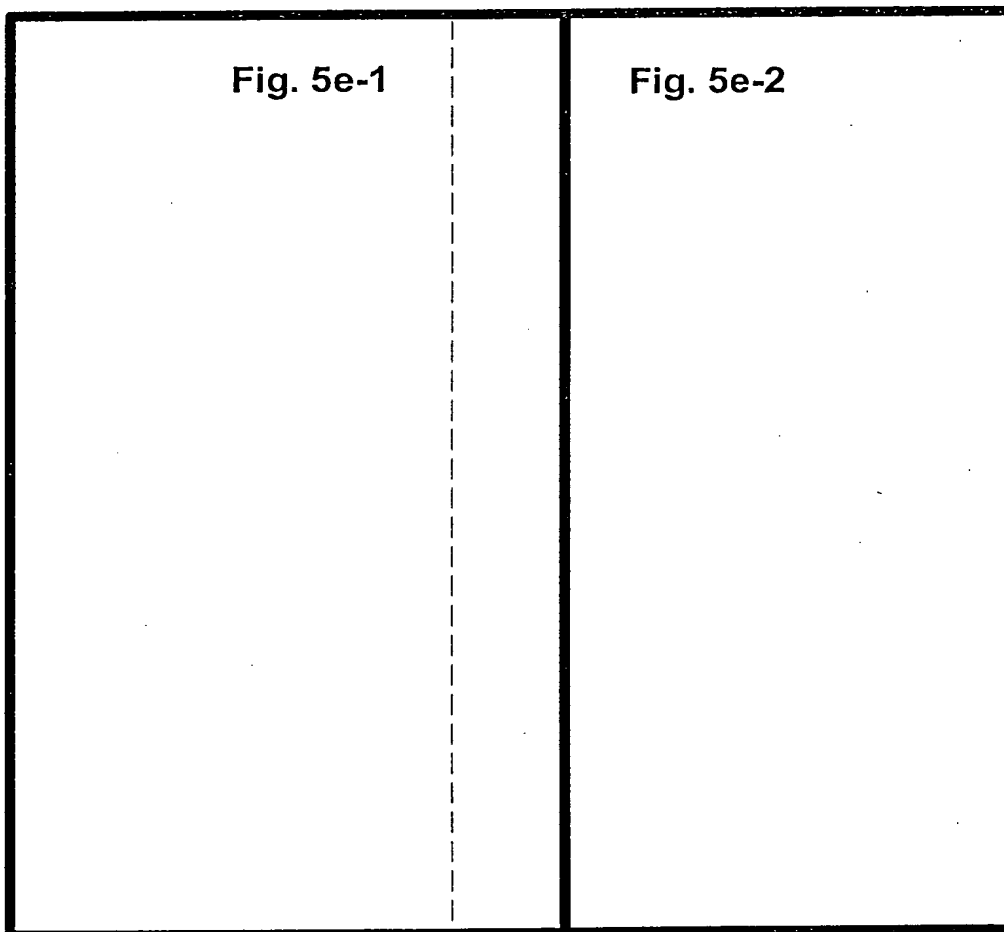
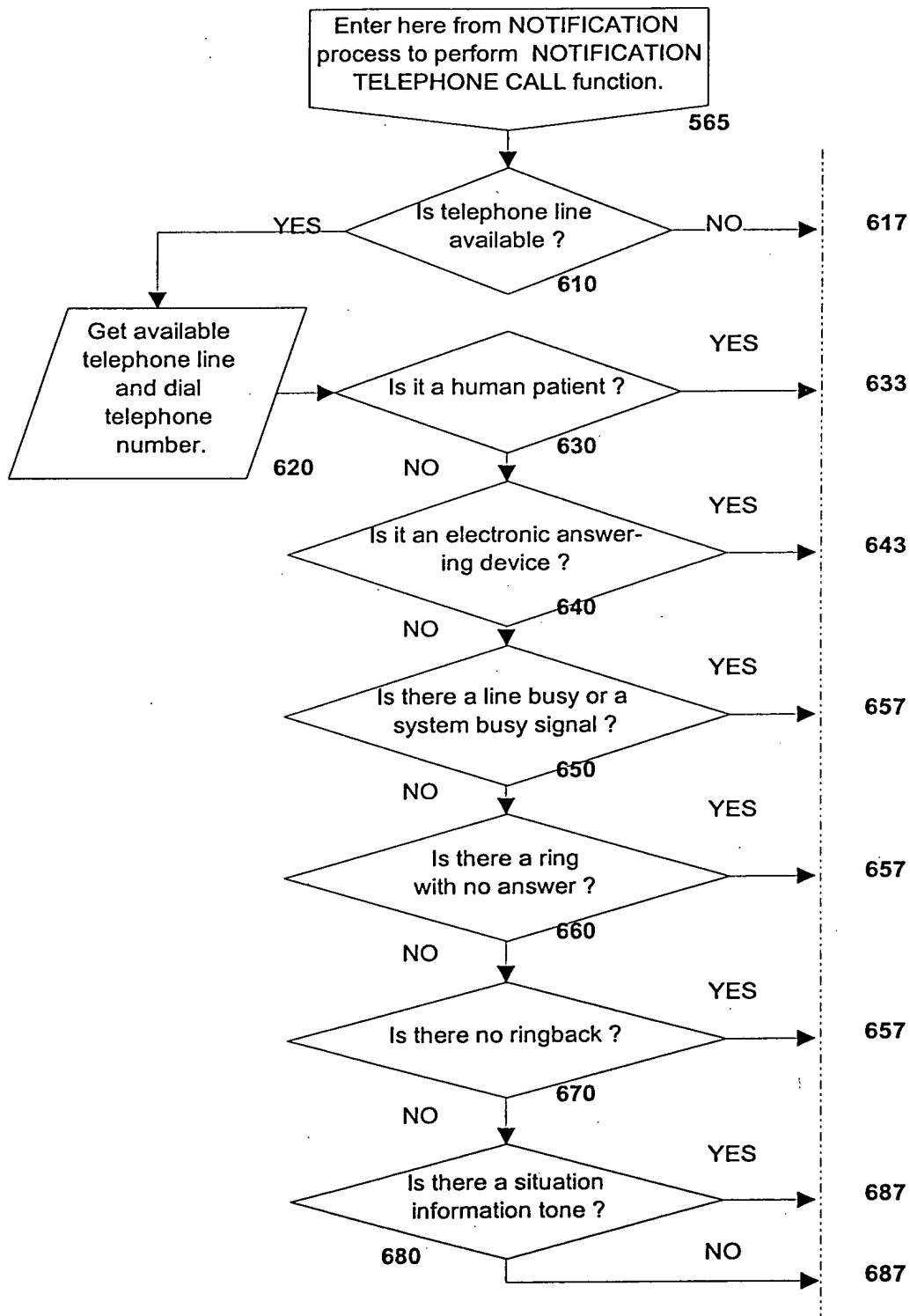


Figure 5e



09398131.091799
662T60" TET86E0

Figure 5e-1



093931-01759
662150-1E18660

Figure 5e-2

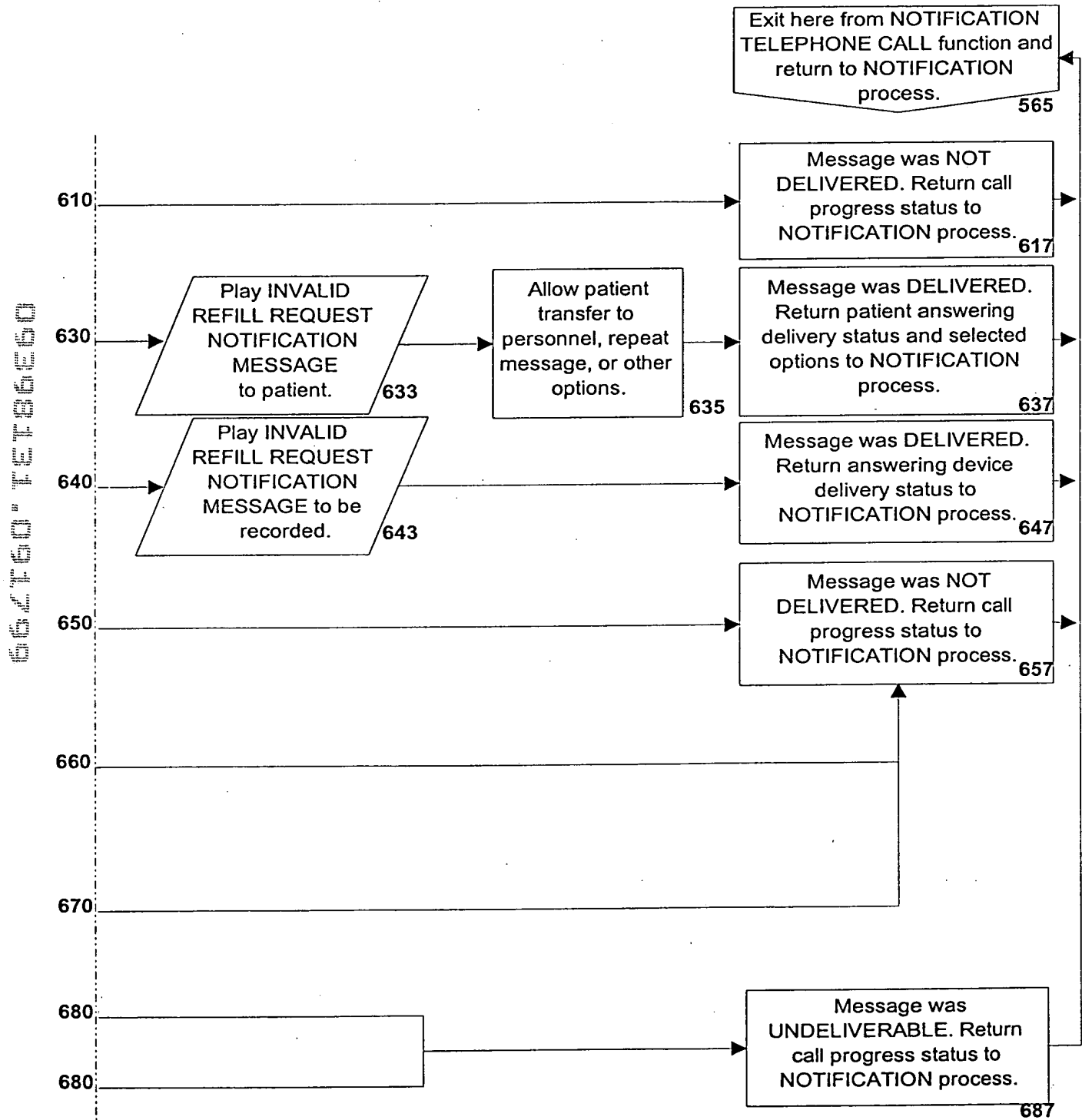


Figure 6a

Fig. 6a-1

Fig. 6a-2

06ZT60" TEF3660

Figure 6a-1

090903Z 091799
66ZT60 TET6660

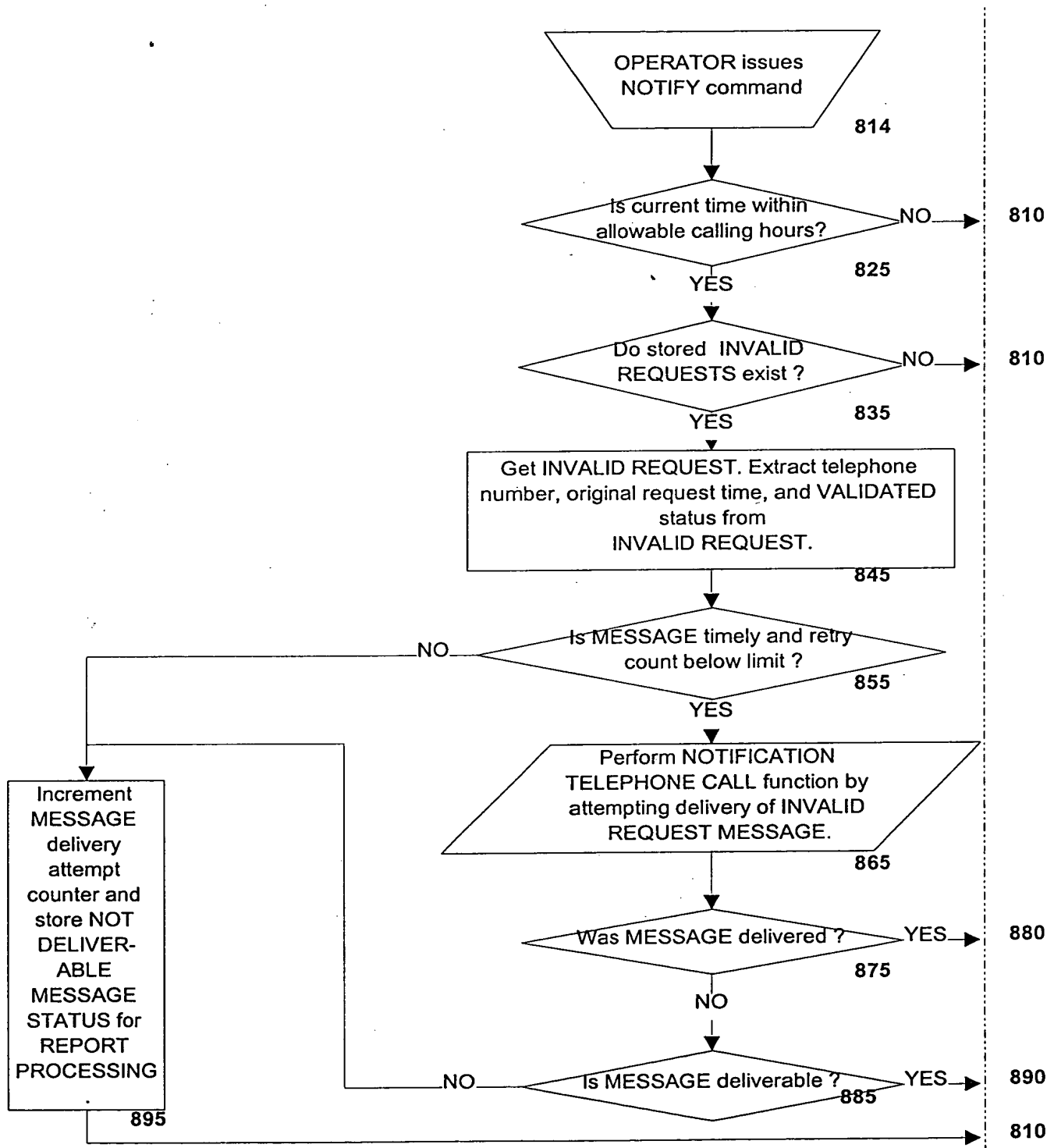
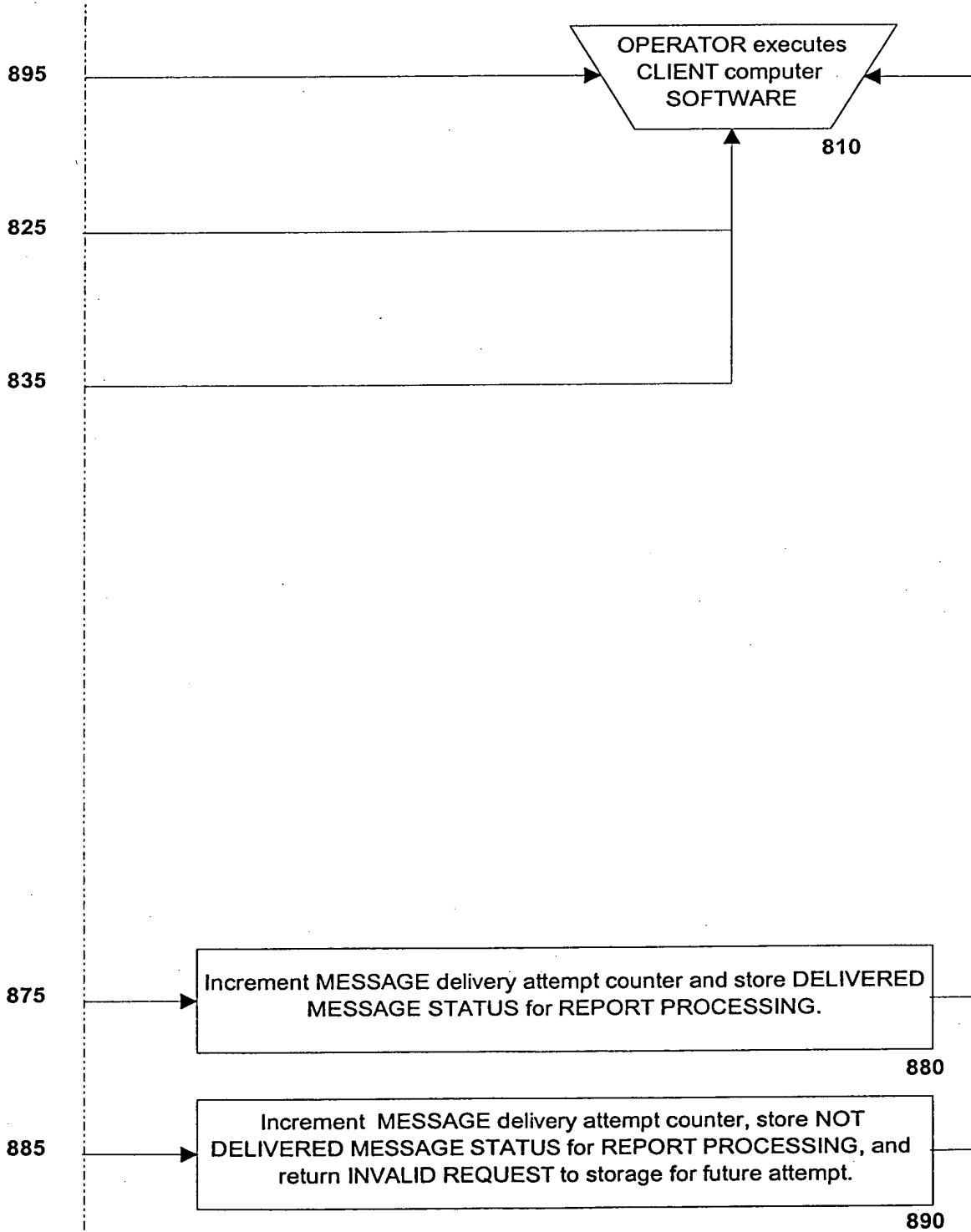


Figure 6a-2



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002760" TET06060

Figure 6b

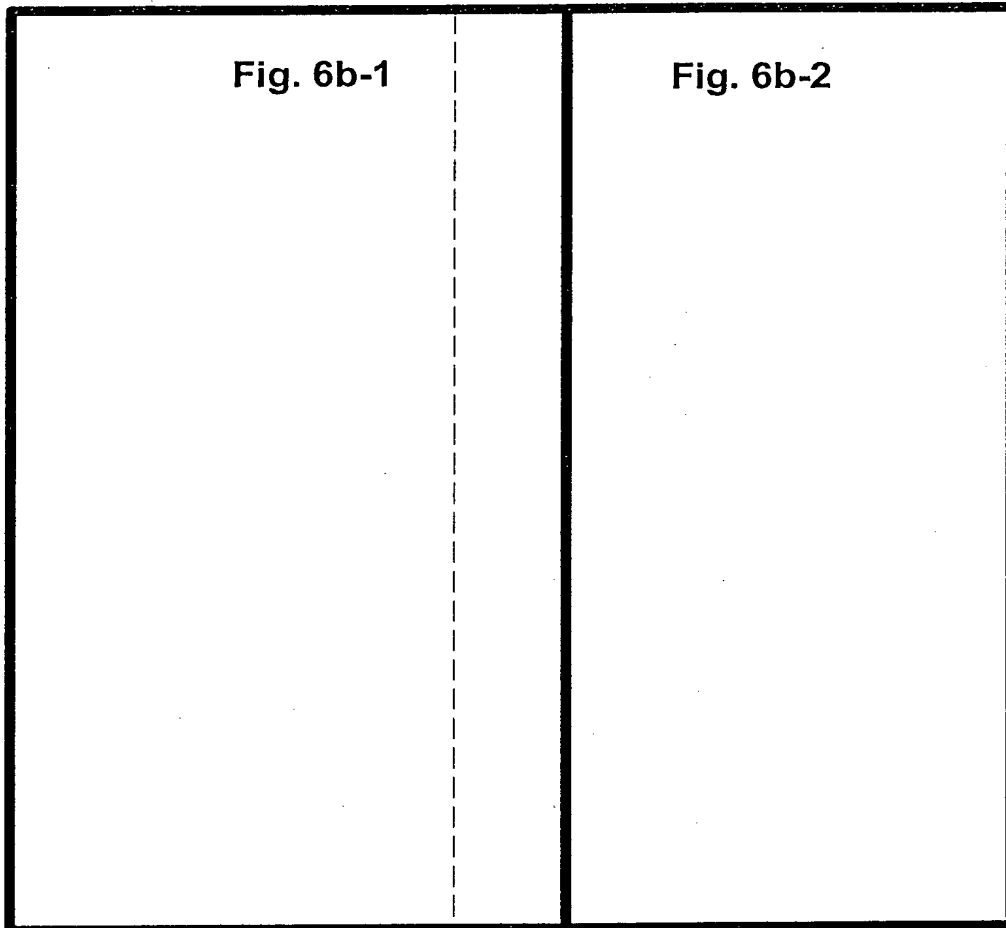
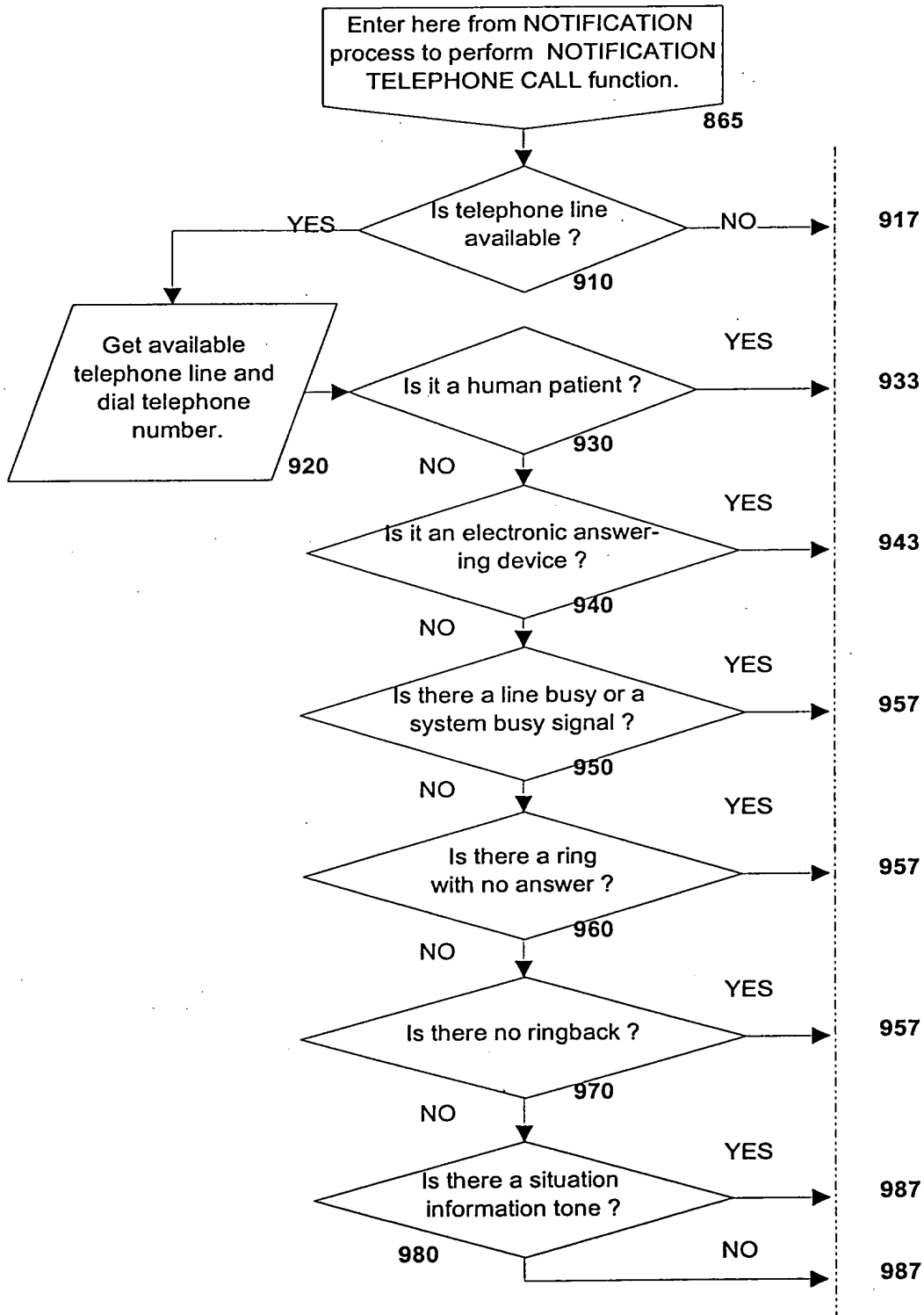


Fig. 6b-1

Fig. 6b-2

652760" 7278660

[illegible]

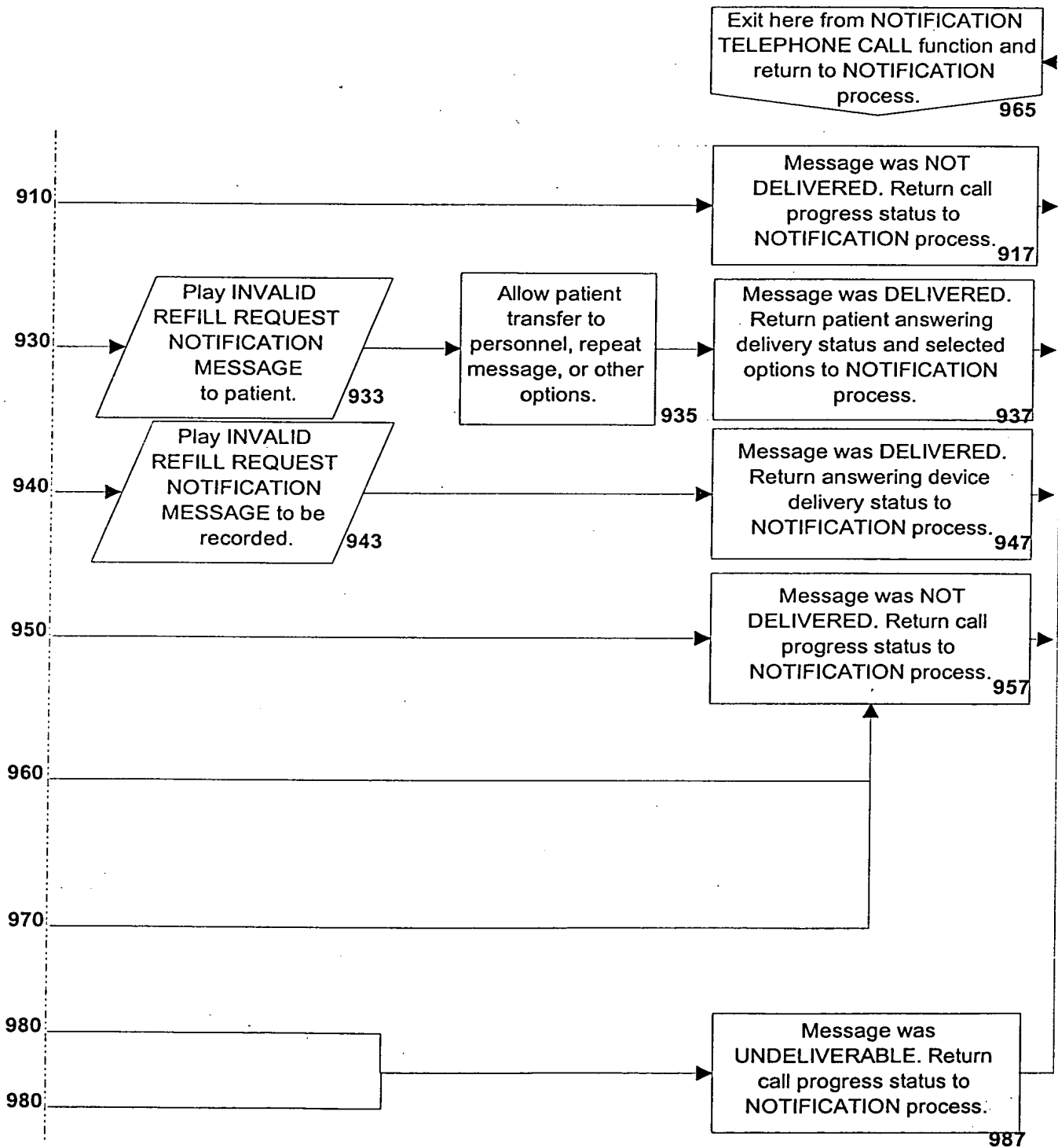
[illegible]

Figure 7a

CLIENT COMPUTER CONFIGURED FOR ON-LINE COMMUNICATIONS

ISSUING HOST ON command by OPERATOR.

EXECUTING SOFTWARE on CLIENT computer.

WAITING for incoming telephone call

0 IF INCOMING CALL available
0 THEN

ANSWERING incoming telephone call.
PLAYING options for services to caller.
SELECTING service option by caller.
REQUESTING prescription refill service by caller.
ASSESSING status of ON-LINE COMMUNICATIONS with HOST
computer.

CAPTURING REQUESTS from caller

1 IF ON-LINE COMMUNICATIONS available
1 THEN

CAPTURE REQUEST from caller.
VALIDATE REQUEST on HOST computer.

2 IF REQUEST is VALID

2 THEN

STORE VALID REQUEST for
DISPENSE PROCESSING.

INFORM caller of VALIDATED status.

2 ELSE

2 IF REQUEST is NOT VALID

2 THEN

INFORM caller of UNVALIDATED status.

1 ELSE

1 IF ON-LINE COMMUNICATIONS are not available

1 THEN

CAPTURE REQUEST from caller.
STORE REQUEST for VALIDATION PROCESSING.
INFORM caller of UNVALIDATED status.

(continued on figure 7b)

Figure 7b

CLIENT COMPUTER CONFIGURED FOR ON-LINE COMMUNICATIONS

(continued from figure 7a)

ASK caller if another REQUEST is desired.

1 IF Another REQUEST is desired

1 THEN

Go to "CAPTURING REQUESTS from caller"

1 ELSE

End telephone call.

Go to "WAITING for incoming telephone call"

o ELSE

Go to "WAITING for incoming telephone call"

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Figure 8

CLIENT COMPUTER CONFIGURED FOR OFF-LINE COMMUNICATIONS

ISSUING HOST OFF command by OPERATOR.

EXECUTING SOFTWARE on CLIENT computer.

WAITING for incoming telephone call

o IF INCOMING CALL available

o THEN

ANSWERING incoming telephone call.

PLAYING options for services to caller.

SELECTING service option by caller.

REQUESTING prescription refill service by caller.

CAPTURING REQUESTS from caller

CAPTURE REQUEST from caller.

STORE REQUEST for VALIDATION PROCESSING.

INFORM caller of UNVALIDATED status.

ASK caller if another REQUEST is desired.

1 IF Another REQUEST is desired

1 THEN

Go to "CAPTURING REQUESTS from caller"

1 ELSE

End telephone call.

Go to "WAITING for incoming telephone call"

o ELSE

Go to "WAITING for incoming telephone call"

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Figure 9a

**CLIENT COMPUTER CONFIGURED FOR ON-LINE COMMUNICATIONS WITH
AUTOMATIC VALIDATION AND NOTIFICATION PROCESSING**

ISSUING HOST ON command by OPERATOR.

EXECUTING SOFTWARE on CLIENT computer.

WAITING for incoming telephone call

o *IF* INCOMING CALL available

o *THEN*

ANSWERING incoming telephone call.

PLAYING options for services to caller.

SELECTING service option by caller.

REQUESTING prescription refill service by caller.

ASSESSING status of ON-LINE COMMUNICATIONS with HOST
computer.

CAPTURING REQUESTS from caller

1 *IF* ON-LINE COMMUNICATIONS available

1 *THEN*

CAPTURE REQUEST from caller.

PREPARE REQUEST for INQUIRY TRANSACTION.

VALIDATE REQUEST on HOST computer.

2 *IF* REQUEST is VALID

2 *THEN*

STORE VALID REQUEST for DISPENSE
PROCESSING.

INFORM caller of VALIDATED status.

2 *ELSE*

2 *IF* REQUEST is NOT VALID

2 *THEN*

INFORM caller of VALIDATED status.

1 *ELSE*

(continued on figure 9b)

Figure 9b

CLIENT COMPUTER CONFIGURED FOR ON-LINE COMMUNICATIONS WITH
AUTOMATIC VALIDATION PROCESSING

(continued from figure 9a)

1 IF ON-LINE COMMUNICATIONS are not available
1 THEN
 CAPTURE REQUEST from caller.
 STORE REQUEST for VALIDATION
 PROCESSING.
 INFORM caller of UNVALIDATED status.

ASK caller if another REQUEST is desired.

1 IF Another REQUEST is desired
1 THEN
 Go to "CAPTURING REQUESTS from caller"
1 ELSE
 End telephone call.

o ELSE
 End telephone call.

TESTING for UNVALIDATED REQUESTS in need of VALIDATION
PROCESSING.

o IF A REQUEST exists
o THEN
 ACCESSING status of ON-LINE COMMUNICATIONS with
 HOST computer.

1 IF ON-LINE COMMUNICATIONS available
1 THEN
 RETRIEVE REQUEST from storage.
 PREPARE REQUEST for INQUIRY TRANSACTION.
 VALIDATE REQUEST on HOST computer.

(continued on figure 9c)

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Figure 9c

CLIENT COMPUTER CONFIGURED FOR ON-LINE COMMUNICATIONS WITH
AUTOMATIC VALIDATION PROCESSING

(continued from figure 9b)

2 IF REQUEST is VALID
2 THEN
 STORE VALID REQUEST for
 DISPENSE PROCESSING.
2 ELSE
 STORE INVALID REQUEST for
 NOTIFICATION PROCESSING.
1 ELSE
1 IF ON-LINE COMMUNICATIONS are not available
1 THEN
 End VALIDATION PROCESSING.
0 ELSE
 End VALIDATION PROCESSING.

TESTING for INVALID REQUESTS in need of NOTIFICATION
PROCESSING.

0 IF Notification time is within allowable calling time window
0 THEN
 1 IF A REQUEST exists
 1 THEN
 RETRIEVE INVALID REQUEST from storage.
 EXTRACT telephone number, VALIDATED status,
 original request time, and retry count from
 REQUEST.
 PERFORM NOTIFICATION telephone call with VALIDATED
 status informational MESSAGE.

 2 IF MESSAGE was DELIVERED
 2 THEN
 INCREMENT message delivery attempt counter.
 STORE message DELIVERED status for
 REPORT PROCESSING.
 2 ELSE

(continued on figure 9d)

Figure 9d

**CLIENT COMPUTER CONFIGURED FOR ON-LINE COMMUNICATIONS WITH
AUTOMATIC VALIDATION PROCESSING**

(continued from figure 9c)

2 *IF* MESSAGE is DELIVERABLE

2 *THEN*

INCREMENT message delivery attempt counter.

STORE message NOT DELIVERED status for
future NOTIFICATION PROCESSING.

2 *ELSE*

INCREMENT message delivery attempt counter.

STORE message NOT DELIVERABLE status for
REPORT PROCESSING.

1 *ELSE*

End NOTIFICATION PROCESSING.

0 *ELSE*

End NOTIFICATION PROCESSING.

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